

Johann StÄjtter

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,340
citations

394421

19
h-index

361022

35
g-index

47
all docs

47
docs citations

47
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	The European mountain cryosphere: a review of its current state, trends, and future challenges. <i>Cryosphere</i> , 2018, 12, 759-794.	3.9	382
2	Water surface mapping from airborne laser scanning using signal intensity and elevation data. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 1635-1649.	2.5	140
3	Climate Change Impact Assessment of Ski Tourism in Tyrol. <i>Tourism Geographies</i> , 2013, 15, 577-600.	4.0	60
4	It's a Hit! Mapping Austrian Research Contributions to the Sustainable Development Goals. <i>Sustainability</i> , 2018, 10, 3295.	3.2	52
5	Assessment of climate change impacts on flood hazard potential in the Alpine Lech watershed. <i>Journal of Hydrology</i> , 2012, 460-461, 29-39.	5.4	49
6	Geodetic reanalysis of annual glaciological mass balances (2001–2011) of Hintereisferner, Austria. <i>Cryosphere</i> , 2018, 12, 833-849.	3.9	44
7	Simulation of debris flows in the Central Andes based on Open Source GIS: possibilities, limitations, and parameter sensitivity. <i>Natural Hazards</i> , 2012, 61, 1051-1081.	3.4	41
8	Scenarios of Future Snow Conditions in Styria (Austrian Alps). <i>Journal of Hydrometeorology</i> , 2015, 16, 261-277.	1.9	41
9	Data infrastructure for multitemporal airborne LiDAR point cloud analysis – Examples from physical geography in high mountain environments. <i>Computers, Environment and Urban Systems</i> , 2014, 45, 137-146.	7.1	38
10	'Little Ice Age' glaciation of Tröllaskagi peninsula, northern Iceland: climatic implications for reconstructed equilibrium line altitudes (ELAS). <i>Holocene</i> , 1993, 3, 357-366.	1.7	35
11	Investigations on intra-annual elevation changes using multi-temporal airborne laser scanning data: case study Engabreen, Norway. <i>Annals of Glaciology</i> , 2005, 42, 195-201.	1.4	33
12	Potential of airborne laser scanning for geomorphologic feature and process detection and quantifications in high alpine mountains. <i>Zeitschrift für Geomorphologie</i> , 2011, 55, 83-104.	0.8	33
13	The Rofental: a high Alpine research basin (1890–3770 a.s.l.) in the Tirolian Alps (Austria) with over 150 years of hydrometeorological and glaciological observations. <i>Earth System Science Data</i> , 2018, 10, 151-171.	9.9	32
14	Reconstruction of Holocene Variations of the Upper Limit of Tree or Shrub Birch Growth in Northern Iceland Based on Evidence from Vesturardalur-Skálafelladalur, Tröllaskagi. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 191-203.	1.1	31
15	Progressive formation of modern drumlins at Mújökull, Iceland: stratigraphical and morphological evidence. <i>Boreas</i> , 2016, 45, 567-583.	2.4	31
16	Quantification of geomorphodynamics in glaciated and recently deglaciated terrain based on airborne laser scanning data. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2012, 94, 17-32.	1.5	29
17	Bridging the Action Gap by Democratizing Climate Change Education – The Case of k.i.d.Z.21 in the Context of Fridays for Future. <i>Sustainability</i> , 2020, 12, 1748.	3.2	23
18	Strengthening their climate change literacy: A case study addressing the weaknesses in young people's climate change awareness. <i>Applied Environmental Education and Communication</i> , 2020, 19, 375-388.	1.1	22

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19	Changing Climate Change Education: Exploring moderate constructivist and transdisciplinary approaches through the research-education co-operation <i>k.i.d.Z.21</i>. Gaia, 2019, 28, 35-43.	0.7	21
20	Reconstruction of Holocene Variations of the Upper Limit of Tree or Shrub Birch Growth in Northern Iceland Based on Evidence from Vesturardalur-Skidadalur, Trollaskagi. Arctic, Antarctic, and Alpine Research, 2001, 33, 191.	1.1	21
21	A Rock Glacier Activity Index Based on Rock Glacier Thickness Changes and Displacement Rates Derived From Airborne Laser Scanning. Permafrost and Periglacial Processes, 2015, 26, 347-359.	3.4	16
22	Can Education Save Money, Energy, and the Climate?â€” Assessing the Potential Impacts of Climate Change Education on Energy Literacy and Energy Consumption in the Light of the EU Energy Efficiency Directive and the Austrian Energy Efficiency Act. Energies, 2022, 15, 1118.	3.1	16
23	Surface classification based on multi-temporal airborne LiDAR intensity data in high mountain environments, A case study from Hintereisferner, Austria. Zeitschrift f�r Geomorphologie, 2011, 55, 105-126.	0.8	15
24	From Transdisciplinary Research to Transdisciplinary Educationâ€”The Role of Schools in Contributing to Community Well-Being and Sustainable Development. Sustainability, 2021, 13, 306.	3.2	15
25	Avalanche risk assessment for mountain roads: a case study from Iceland. Natural Hazards, 2011, 56, 465-480.	3.4	14
26	Assessing potential climate change impacts on the seasonality of runoff in an Alpine watershed. Journal of Water and Climate Change, 2015, 6, 263-277.	2.9	13
27	The structural vulnerability in the framework of natural hazard risk analyses and the exemplary application for storm loss modelling in Tyrol (Austria). Natural Hazards, 2011, 58, 705-729.	3.4	12
28	New Observations on the Postglacial Glacial History of Tr�llaskagi, Northern Iceland. Glaciology and Quaternary Geology, 1991, , 181-192.	0.5	10
29	Modelling of Vegetation Dynamics from Satellite Time Series to Determine Proglacial Primary Succession in the Course of Global Warmingâ€”A Case Study in the Upper Martell Valley (Eastern Italian) Tj ETQq14.0.784314rgBT / Dv		
30	A Probabilistic Framework for Risk Analysis of Widespread Flood Events: A Proofâ€”ofâ€”Concept Study. Risk Analysis, 2019, 39, 125-139.	2.7	9
31	<i>Kompetent in die Zukunft</i>: Die Forschungs-Bildungs-Kooperation zur Klimawandelbildung <i>k.i.d.Z.21</i> und <i>k.i.d.Z.21-Austria</i>. Gaia, 2016, 25, 214-216.	0.7	6
32	High mountain rockfall dynamics: rockfall activity and runout assessment under the aspect of a changing cryosphere. Geografiska Annaler, Series A: Physical Geography, 2021, 103, 83-102.	1.5	6
33	�sterreichische Universit�ten �bernehmen Verantwortung: Das Projekt Universit�ten und Nachhaltige Entwicklungsziele (UniNETZ). Gaia, 2019, 28, 163-165.	0.7	6
34	An Environmental Education Concept for Galt�r, Austria. Journal of Geography in Higher Education, 2005, 29, 61-77.	2.6	5
35	Internal communication a prerequisite for risk governance: hazard zone planning in South Tyrol, Italy. Environmental Hazards, 2015, 14, 87-102.	2.5	4
36	Why Do We Harm the Environment or Our Personal Health despite Better Knowledge? The Knowledge Action Gap in Healthy and Climate-Friendly Behavior. Sustainability, 2021, 13, 13361.	3.2	4

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37	Rethinking Quality Science Education for Climate Action: Transdisciplinary Education for Transformative Learning and Engagement. <i>Frontiers in Education</i> , 2022, 7, .	2.1	4
38	9. Holocene glacier history. <i>Developments in Quaternary Sciences</i> , 2005, , 221-240.	0.1	3
39	Reliefparameter und abflusssteuernde Flächeneigenschaften: Statistische Analyse ihres Zusammenhangs in einem kleinen alpinen Einzugsgebiet. <i>Zeitschrift für Geomorphologie</i> , 2011, 55, 293-313.	0.8	2
40	Perennial snow patch detection based on remote sensing data on Tröllaskagi Peninsula, northern Iceland. <i>Jokull</i> , 2020, 69, 103-128.	0.1	2
41	Young People's Pre-Conceptions of the Interactions between Climate Change and Soils – Looking at a Physical Geography Topic from a Climate Change Education Perspective. <i>Journal of Geography</i> , 0, , 1-16.	1.5	2
42	Risk-based damage potential and loss estimation of earthquake scenarios in the moderate endangered Austrian Federal Province of Tyrol. <i>Georisk</i> , 2012, 6, 105-127.	3.5	1
43	Den 17 Nachhaltigen Entwicklungszielen den Weg bereiten: UniNETZ der Weg von der Theorie in die Praxis. <i>Gaia</i> , 2021, 30, 54-56.	0.7	1
44	Sea Ice-Climate-Glacier Relationships in Northern Iceland since the Nineteenth Century: Possible Analogues for the Holocene. , 2001, , 187-200.		1
45	Von UniNETZ zu UniNETZ II – eine Reflexion zu Erreichtem und ein Ausblick zu Angestrebtem. <i>Gaia</i> , 2021, 30, 278-280.	0.7	0